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From: John Gunther

Date: 08/03/2005

TO: United States Patent
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AUG 03 2005

PD 03W115

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

| | | |
|------------------------------------|---|--------------------------|
| In re Application of | : | |
| Arthur J. Schneider | : | Group Art Unit 3641 |
| Serial No.10/758,437 | : | Examiner: Chambers, Troy |
| Filed: 1/15/2004 | : | Date: July 14, 2005 |
| For: MAGNETIC FIELD PROTECTION FOR | | |
| THE PROJECTILE OF AN | | |
| ELECTROMAGNETIC COIL GUN SYSTEM | | |

RESPONSE TO REQUIREMENT TO ELECT SPECIES

Commissioner of Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

The official communication mailed June 23, 2005, required election of either Species A directed to the method of operating the electromagnetic coil gun of Figs. 2 and 3, or Species B directed to the method of operating the electromagnetic gun of Fig. 6. Applicant elects Species A. The claims drawn to Species A are claims 1 – 4 and claims 12 – 17.

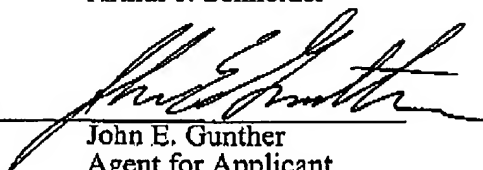
These two species differ in the physical mechanism for producing the nulling magnetic field. The electromagnetic gun of Figs. 2 and 3 produces the nulling magnetic field using the same electrical excitation coils use to propel the projectile. The electromagnetic gun of Fig. 6 incorporates separate nulling electrical excitation coils to produce the nulling magnetic field.

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Applicant respectfully submits that claims 1 – 4, which do not specify the physical mechanism for producing the nulling magnetic field, are generic and apply to either the electromagnetic gun of Figs. 2 and 3 or the electromagnetic gun of Fig. 6.

Respectfully submitted,
Arthur J. Schneider

By



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